Source: <u>Legal</u> > <u>Area of Law - By Topic</u> > <u>Patent Law</u> > <u>Patents</u> > <u>U.S. Patents</u> > <u>Reissue Patents</u> (i)

Terms: re 37614 (Edit Search)

09590633 (09) RE 37614 April 2, 2002

# UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT **RE 37614**

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April 2, 2002

METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF RADIATION SENSORING, SUCH AS ELECTRONIC IMAGE STORAGE, AND A PATIENT TABLE HAVING A RECEPTOR UNIT FOR SUCH PHOTOGRAPHY, EXPOSURE OR IMAGE STORAGE

INVENTOR: Ohlson, Carl-Eric - Stockholm, Sweden (SE)

**APPL-NO:** 09590633 (09)

FILED-DATE: June 8, 2000

GRANTED-DATE: April 2, 2002

PRIORITY: July 28, 1994 - 9402589, Sweden (SE)

ASSIGNEE-AT-ISSUE: Hologic, Inc., Bedford, Massachusetts, 02

LEGAL-REP: Cooper & Dunham LLP

PUB-TYPE: April 2, 2002 - Reissue Patent (E1)

**PUB-COUNTRY:** United States (US)

PCT-FILED-DATE: July 26, 1995

PCT-APPL-NO: SE9500887

**PCT-PUB-PAT-NO:** WO 96/03077

PCT-PUB-DATE: February 8, 1996

**REL-DATA:** 

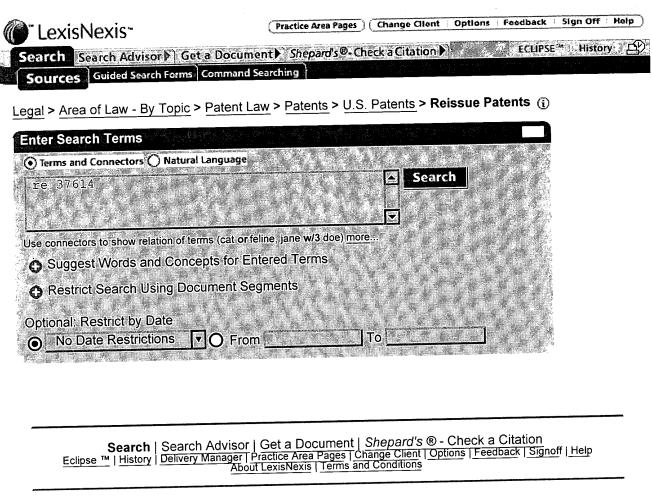
Reissue of: 08/776392, January 28, 1997, PENDING05764724, June 9, 1998

**US-MAIN-CL:** 378#177

US-ADDL-CL: 378#167, 378#175

SEARCH-FLD: 378#167, 378#169, 378#170, 378#175, 378#177, 378#178, 378#181,

378#187, 378#208, 378#209



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Selected file: PLUSPAT

Search statement

?re37614/pn

\*\* SS 2: Results 1

Search statement

?prt fu legalall max

1/1. PLUSPAT - (C) QUESTEL-ORBIT

PN - USRE37614 E1 20020402 [USRE37614]

TI - (E1) METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF RADIATION SENSORING, SUCH AS ELECTRONIC IMAGE STORAGE, AND A PATIENT TABLE HAVING A RECEPTOR UNIT FOR SUCH PHOTOGRAPHY, EXPOSURE OR IMAGE STORAGE

PA - (E1) HOLOGIC INC (US)

IN - (E1) OHLSON CARL-ERIC (SE)

- US59063300 20000608 [2000US-0590633] AΡ

PR - US59063300 20000608 [2000US-0590633]

- SE9402589 19940728 [1994SE-0002589]

- WOSE9500887 19950726 [1995WO-SE00887]

- US77639297 19970128 [1997US-0776392]

- (E1) G03B-042/04 ΙC

- A61B-006/04

- G03B-042/02P

PCL - ORIGINAL (O) : 378177000; CROSS-REFERENCE (X) : 378167000 378175000

- Corresponding document

- US2651725; US2876359; US4365344; US4468803; US4741014; US4807272; US4905265; US5023899; US5157707; US5319206; US5434418; US5636259; US5661309; US5883937; US5920606; SE463237

- U.S. application No. 09/827,380, filed Apr. 4, 2001 and copies of all other documents filed concurrently therewith.

Direct Radiography Corp. A Hologic Company "MultiDR General Rad System" no date.

FISCHERIMAGING "Digital Traumex" No date.

ddRMulti-system "Swissray" No date.

Merrill's Atlas of Radiographic Positions and Radiologic Procedures, vol. Two, Ballinger P. W. and Frank E.D., pp. 42, 44, 174, 184, 256, 346, 368, 392, 398, 410 and 431. No date.

Sophisticated Raster Recording Technology also in the Lateral Path of Rays, "Diagnost 76" and informal English translation. No date.

STG - (E1) Reissue Patent

AB - A method of X-ray photography or a method of some other type of radiation sensoring, such as electronic image storage, employs the use of a receptor unit (2) which can be swung outwards and upwards from an initial position in or beneath a patient support table (1) about alternative pivot centers (11, 12) disposed in the region of respective side edges of the table to alternative positions for operating with a horizontal beam path. The receptor unit can be swung

out about a vertical axis from these positions in which it is parallel with the longitudinal direction of the table to a position in which it is parallel with the longitudinal direction of the table to a position in which the unit is perpendicular to the longitudinal axis of the table, to enable pictures to be taken of a patient seated in a wheelchair, for instance. The invention also relates to a patient support table (1) provided with a receptor unit (2) of this kind.

UP - 2002-15

1/1 LGST - (C) LEGSTAT

PN - US 37614 [USRE37614]

AP - US 590633/00 20000608 [2000US-0590633]

DT - US-E

ACT. - 20000608 US/AE-A

APPLICATION DATA (PATENT)

{US 590633/00 20000608 [2000US-0590633]}

- 20020402 US/E1 [+] REISSUE (PRE-GRANT)

UP - 2002-16

1/1 PAST - (C) Thomson Derwent

AN - 200214-001676

PN - 5764724 A [US5764724]

DT - A (UTILITY)

OG - 2002-04-02

CO - RE

ACT - REISSUE PATENT

SH - REISSUE PATENT

RL - USRE37614

Search statement 3

?file inpadoc

Selected file: INPADOC

Search statement 2

.?fam re37614/pn

Term not in index/PN : RE37614

O Patent Groups

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1 Patent Groups

\*\* SS 3: Results 12

Search statement 4

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TI - A METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF
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      TABLE HAVING A RECEPTOR UNIT FOR SUCH PHOTOGRAPHY, EXPOSURE OR IMAGE
      STORAGE
IN - OHLSON CARL-ERIC
PA - AO MEDICAL PRODUCTS AB
AP - AU 30905/95-A 19950726 [1995AU-0030905]
PR - SE 9402589/94-A 19940728 [1994SE-0002589]
    - WO 9500887/95(SE)-W 19950726 [1995WO-SE00887]
IC - A61B-006/04; A61B-006/00; H05G-001/02
2/12 INPADOC - (C) INPADOC
PN - EP 774920 A1 19970528 [EP-774920]
TI - A METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF
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LA - ENG
IN - OHLSON CARL-ERIC [SE]
    - AO MEDICAL PRODUCTS AB [SE]
 AP - EP 95926582/95-A 19950726 [1995EP-0926582]
 PR - WO 9500887/95(SE)-W 19950726 [1995WO-SE00887]
     - SE 9402589/94-A 19940728 [1994SE-0002589]
 IC - A61B-006/04; A61B-006/00; H05G-001/02
 DS - CH* DE* DK* FR* GB* LI* NL* SE*
 1/1 LEGALI - (C) LEGSTAT
 PN - EP 774920 [EP-774920]
 AP - EP 95926582/95 19950726 [1995EP-0926582]
 DT - EP-P
 ACTE- 19950726 EP/AE-A
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       {EP 95926582/95 19950726 [1995EP-0926582]}
     - 19970528 EP/AK-A1 [+]
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     - 19970528 EP/A1 [+]
       PUBLICATION OF APPLICATION WITH SEARCH REPORT
     - 19970528 EP/17P [+]
       REQUEST FOR EXAMINATION FILED
       970116
     - 20000315 EP/RBV [+]
       DESIGNATED CONTRACTING STATES (CORRECTION):
       CH DE DK FR GB LI NL SE
     - 20020626 EP/17Q [+]
       FIRST EXAMINATION REPORT
        20020510
  UP - 2002-26
  3/12 INPADOC - (C) INPADOC
  PN - FI 970335 A 19970127 [FI9700335]
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TI - FOERFARANDE FOER ATT FRAMSTAELLA ROENTGENBILDER ELLER -EXPONERINGAR

ELLER ANNAN TYPS STRAALNINGSDETEKTERING, SAASOM ELEKTRONISK BILDLAGRING, OCH ETT PATIENTBORD, SOM UPPVISAR EN MOTTAGARENHET FOER FOTOGRAFERING, EXPONERING ELLER BILDVAGRING

IN - OHLSON CARL-ERIC [SE]

PA - AO MEDICAL PRODUCTS AB [SE]

AP - FI 970335/97-A 19970127 [1997FI-0000335] PR - SE 9402589/94-A 19940728 [1994SE-0002589]

- WO 9500887/95(SE)-W 19950726 [1995WO-SE00887]

IC - A61B-000/00; H05G-000/00

1/1 LEGALI - (C) LEGSTAT

PN - FI 970335 [FI9700335]

DT - FI-A

ACTE- 19950726 FI/AE-A New application filed <FI 95970335 19950726>

UP - 1999-42

4/12 INPADOC - (C) INPADOC

PN - FI 970335 A0 19970127 [FI9700335]

TI - FOERFARANDE FOER ATT FRAMSTAELLA ROENTGENBILDER ELLER -EXPONERINGAR ELLER ANNAN TYPS STRAALNINGSDETEKTERING, SAASOM ELEKTRONISK BILDLAGRING, OCH ETT PATIENTBORD, SOM UPPVISAR EN MOTTAGARENHET FOER FOTOGRAFERING, EXPONERING ELLER BILDVAGRING

IN - OHLSON CARL-ERIC [SE]

PA - AO MEDICAL PRODUCTS AB [SE]

AP - FI 970335/97-A 19970127 [1997FI-0000335] PR - SE 9402589/94-A 19940728 [1994SE-0002589]

- WO 9500887/95(SE)-W 19950726 [1995WO-SE00887]

IC - A61B-000/00; H05G-000/00

1/1 LEGALI - (C) LEGSTAT

PN - FI 970335 [FI9700335]

DT - FI-A

ACTE- 19950726 FI/AE-A New application filed <FI 95970335 19950726>

TIP - 1999-42

5/12 INPADOC - (C) INPADOC

PN - NO 970331 A 19970124 [NO9700331]

TI - FREMGANGSMAATE VED ROENTGENFOTOGRAFERING ELLER-EKSPONERING ELLER ANNEN TYPE STRAALINGSOPPTAK, SLIK SOM ELEKTRONISK BILDELAGRING, OG PASIENTBORD MED OPPTAKSENHET FOR SLIK FOTOGRAFERING, EKSPONERING ELLER BILDELAGRING

IN - OHLSON CARL-ERIC [SE]

PA - AO MEDICAL PRODUCTS AB [SE]

· AP - NO 970331/97-A 19970124 [1997NO-0000331]

PR - WO 9500887/95(SE)-W 19950726 [1995WO-SE00887]

- SE 9402589/94-A 19940728 [1994SE-0002589]

IC - A61B-006/04; A61B-006/00; H05G-001/02

6/12 INPADOC - (C) INPADOC PN - NO 970331 AO 19970124 [NO9700331]

- TI FREMGANGSMAATE VED ROENTGENFOTOGRAFERING ELLER-EKSPONERING ELLER ANNEN TYPE STRAALINGSOPPTAK, SLIK SOM ELEKTRONISK BILDELAGRING, OG PASIENTBORD MED OPPTAKSENHET FOR SLIK FOTOGRAFERING, EKSPONERING ELLER BILDELAGRING
- IN OHLSON CARL-ERIC [SE]
- PA AO MEDICAL PRODUCTS AB [SE]
- AP NO 970331/97-A 19970124 [1997NO-0000331]
- PR WO 9500887/95(SE)-W 19950726 [1995WO-SE00887]
  - SE 9402589/94-A 19940728 [1994SE-0002589]
- IC A61B-006/04; A61B-006/00; H05G-001/02

## 7/12 INPADOC - (C) INPADOC

- PN SE 9402589 A0 19940728 [SE9402589]
- TI . SAETT VID ROENTGENFOTOGRAFERING ELLER ANNAN TYP AV STRAALAVKAENNING, T EX ELEKTRONISK BILDLAGRING, SAMT MED RECEPTORENHET FOERSETT PATIENTBORD FOER SAADAN FOTOGRAFERING ELLER BILDLAGRING
- OHLSON CARL-ERIC IN

- PA AO MEDICAL PRODUCTS AB [SE]
  AP SE 9402589/94-A 19940728 [1994SE-0002589]
  PR SE 9402589/94-A 19940728 [1994SE-0002589]

### 8/12 INPADOC - (C) INPADOC

- PN SE 9402589 A 19960129 [SE9402589]
- SAETT VID ROENTGENFOTOGRAFERING SAMT MED RECEPTORENHET FOERSETT PATIENTBORD
- IN OHLSON CARL-ERIC
- PA AO MEDICAL PRODUCTS AB [SE]
- AP SE 9402589/94-A 19940728 [1994SE-0002589]
- PR SE 9402589/94-A 19940728 [1994SE-0002589]
- IC A61B-006/04; A61B-006/00; H05G-001/02

## 9/12 INPADOC - (C) INPADOC

- PN SE 503047 C2 19960318 [SE-503047]
- TI SAETT VID ROENTGENFOTOGRAFERING SAMT MED RECEPTORENHET FOERSETT PATIENTBORD
- IN OHLSON CARL-ERIC
- PA AO MEDICAL PRODUCTS AB [SE]
- AP SE 9402589/94-A 19940728 [1994SE-0002589]
- PR SE 9402589/94-A 19940728 [1994SE-0002589]
- IC A61B-006/04; A61B-006/00; H05G-001/02

## 10/12 INPADOC - (C) INPADOC

- PN US 37614 E1 20020402 [US--37614]
- METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF RADIATION SENSORING, SUCH AS ELECTRONIC IMAGE STORAGE, AND A PATIENT TABLE HAVING A RECEPTOR UNIT FOR SUCH PHOTOGRAPHY, EXPOSURE OR IMAGE STORAGE
- OHLSON CARL-ERIC [SE] IN
- HOLOGIC INC [US]
- US 590633/00-A 20000608 [2000US-0590633]
- US 590633/00-A 20000608 [2000US-0590633]
  - SE 9402589/94-A 19940728 [1994SE-0002589]
  - WO 9500887/95(SE)-W 19950726 [1995WO-SE00887]
  - US 776392/97-A5 19970128 [1997US-0776392]
- IC G03B 042/04

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11/12 INPADOC - (C) INPADOC
PN - US 5764724 A 19980609 [US5764724]
   - METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF
      RADIATION SENSORING, SUCH AS ELECTRONIC IMAGE STORAGE, AND A PATIENT
      TABLE HAVING A RECEPTOR UNIT FOR SUCH PHOTOGRAPHY, EXPOSURE OR IMAGE
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IN - OHLSON CARL-ERIC [SE]
PA - AO MEDICAL PRODUCTS AB [SE]
AP - US 776392/97-A 19970128 [1997US-0776392]
PR - US 776392/97-A 19970128 [1997US-0776392]
    - SE 9402589/94-A 19940728 [1994SE-0002589]
    - WO 9500887/95(SE)-W 19950726 [1995WO-SE00887]
IC. - G03B-042/04
1/1 LEGALI - (C) LEGSTAT
PN - US 5764724 [US5764724]
AP - US 776392/97 19970128 [1997US-0776392]
DT - US-P
ACTE- 19970128 US/AE-A
      APPLICATION DATA (PATENT)
      {US 776392/97 19970128 [1997US-0776392]}
     - 19970205 US/AS02
       ASSIGNMENT OF ASSIGNOR'S INTEREST
       AO MEDICAL PRODUCTS AB P.O. BOX 19045 S-104 32 STOCKHOLM, SWEDEN *
       OHLSON, CARL-ERIC: 19970120
     - 19980609 US/A
       PATENT
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       REISSUE APPLICATION FILED
       20000608
     - 20010717 US/RF
       REISSUE APPLICATION FILED
       20010404
 UP - 2001-32
 12/12 INPADOC - (C) INPADOC
 PN - WO 9603077 Al 19960208 [WO9603077]
     - A METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF
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 PA - AO MEDICAL PRODUCTS AB [SE]; OHLSON CARL ERIC [SE]
 AP - WO 9500887/95(SE)-A 19950726 [1995WO-SE00887]
  PR - SE 9402589/94-A 19940728 [1994SE-0002589]
  IC - A61B-006/04; A61B-006/00; H05G-001/02
DS - AU* FI* JP* KR* NO* US* AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
  1/2 LEGALI - (C) LEGSTAT
  PN - US 776392/97
  AP - US 776392/97 - [1997US-0776392]
  DT - US-A
  ACTE- 19970128 US/REFW-P
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CORRESPONDS TO PCT APPLICATION <WO 9603077> [WO9603077]

UP - 1998-31

2/2 LEGALI - (C) LEGSTAT

PN - WO 9603077 [WO9603077]

AP - WO 9500887/95(SE) 19950726 [1995WO-SE00887]

DT - WO-P

ACTE- 19950726 WO/AE-A APPLICATION DATA

{WO 9500887/95(SE) 19950726 [1995WO-SE00887]}

- 19960208 WO/AK-A1 [+] DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT AU FI JP KR NO US

. - 19960208 WO/AL-A1 [+] DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

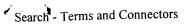
- 19960208 WO/A1 [+] PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT

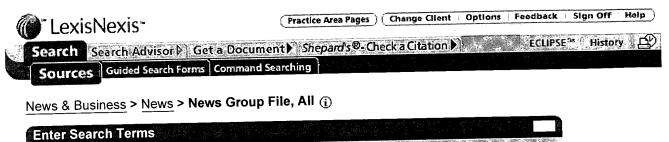
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH - 19960411 WO/DFPE MONTH FROM PRIORITY DATE

- 19960515 WO/121 EP: PCT APP. ART. 158 (1)

- 19970128 WO/ENP-A ENTRY INTO THE NATIONAL PHASE IN: <US 97776392 19970128>

UP - 1998-31





Terms and Connectors ( ) Natural Language			
5764724 or 5,764,724	国	Search	
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se connectors to show relation of terms (cat or feline, jane w/3 doe) more.			
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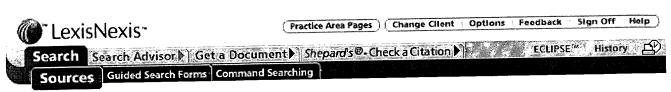
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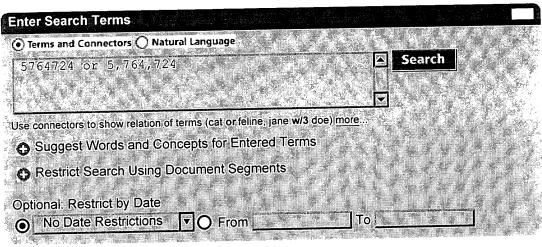
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  Remove some search terms.
  Use more common search terms.
  If applicable, look for all dates.

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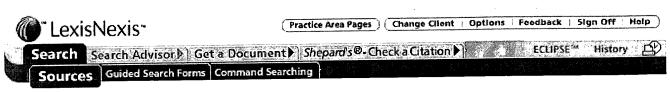
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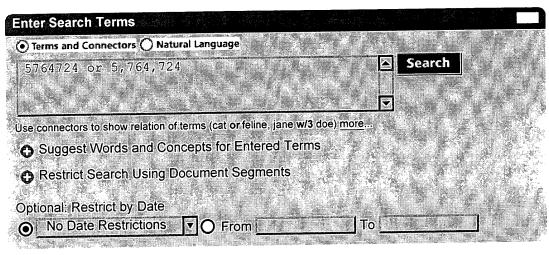
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